

Atty. Docket No. YOR920030199US1  
(590.110)

**Amendments to the Specification**

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AUG 09 2007

Please replace the Title currently on file with the following revised Title:

OBJECT CLASSIFICATION USING AN OPTIMIZED BOOLEAN  
EXPRESSION

Please replace the sentence on page 5, line 15 containing the informality noted by  
the Examiner with the following:

Steps S20 and S30 are generally considered to be the ~~classifer~~ classifier and Step  
S40 is generally considered to be cross-validation.

Please replace the sentence on page 6, line 4 containing the informality noted by  
the Examiner with the following:

Q represents a defined collection of objects from U that are known to ~~below~~  
belong to a particular class or classification bucket.

Please replace the sentence on page 6, line 13 containing the informality noted by  
the Examiner with the following:

There are two issues that need further clarification here: first, what is meant by  
“expression on the sets”, and second, the ~~defintion~~ definition of “best defines” Q.